



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4777-1
Job Sheet 168414



Part No: D4777-1

Job Qty: 60 ea

Part Name: Rod End Bearing



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/14/17

Job Tracking No:

Due Date: 11/24/17

Created By: Mario Poulin

Type: Stock

Description:

Note: DWG REV A IPP REV:A 12.10.03 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	60 pcs		11/24/17	0.00	0.00	Purchasing		
110	Packaging	60 pcs		11/24/17	0.00	0.00	Packaging2		
120	QC	60 pcs		11/24/17	0.00	0.00	QC6		
130	Packaging	60 pcs		11/24/17	0.00	0.00	Packaging3		
140	QC21-SA	60 Ea		11/24/17	0.00	0.00	QC21		

Part Op 100 - Issue P/O: 38356 Purchase Part Number: 59915K274 or CTG
Descriptions: 110 - Ensure certificate of conformity is attached

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
100-Purchasing	59915K274	60	0	0	0

Part Specifications

Specifications could not be found.

Plex 11/14/17 1:43 PM dart.poulin.mario

DQA: _____ Date: _____



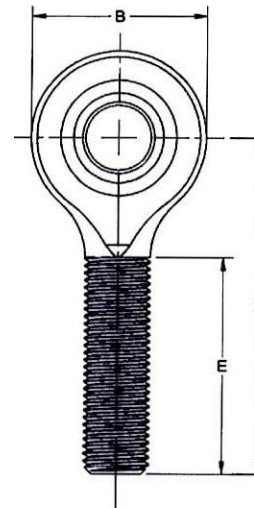
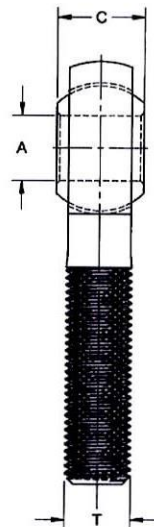
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

SPECIFICATION CONTROL DRAWING



ROD END BEARING

DART P/N	HOUSING MATERIAL	A	B	C	D	E	T (THREAD SIZE)	SUGGESTED SUPPLIER	SUGGESTED SUPPLIER P/N
D4777-1	STAINLESS STEEL	Ø 0.38	1.00	0.500	1.94	1.25	3/8-24 (RIGHT HAND)	MC MASTER CARR	59915K274

RELEASED
2013-08-14

A	NEW ISSUE	AJS	13.08.08
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	13.08.08		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
DRAWING NO. **D4777**
REV. A
SHEET 1 OF 1
TITLE **ROD END BEARING**
SCALE
NTS

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Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038356

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO038356

PO Date: 11/14/17

Due Date: 11/17/17

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items											
Line Item	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	59915K274	✓	Rod End Bearing ✓		Firmed	11/17/17	60 pcs	0 pcs	60 pcs	\$17.14/pcs	\$1,028.40
2	94191A150	✓	Hex Nut 1/4-28 UNF receive pcs		Firmed	11/17/17	25 pcs	0 pcs	25 pcs	\$0.3036/pcs	\$7.59
3	98381A640	✓	Dowel Pin receive ea		Firmed	11/17/17	10 Ea	0 Ea	10 Ea	\$3.54/Ea	\$35.40
4	188-FPSS- 1032-1/4	✓	Set Screw McMaster p/n: 94355A330		Firmed	11/17/17	25 Ea	0 Ea	25 Ea	\$0.1084/Ea	\$2.71
5	20NR-11-2	✓	E-Clip p/n: 98408A126 ✓		Firmed	11/17/17	25 Ea	0 Ea	25 Ea	\$0.2101/Ea	\$5.25
6	20NR-15	✓	Plate Bushing McMaster p/n: 98029A033 ✓		Firmed	11/17/17	25 Ea	0 Ea	25 Ea	\$0.376/Ea	\$9.40
7	20NR-33	✓	Lock Washer Keeper McMaster p/n: 90900A030 ✓		Firmed	11/17/17	25 Ea	0 Ea	25 Ea	\$0.2636/Ea	\$6.59
8	20NR-34	✓	Keeper Handle Screw McMaster p/n: 91253A544 ✓		Firmed	11/17/17	50 Ea	0 Ea	50 Ea	\$0.1666/Ea	\$8.33
9	20NR-69	✓	Light Release Pivot Shaft McMaster p/n: 90145A546 ✓		Firmed	11/17/17	10 Ea	0 Ea	10 Ea	\$0.856/Ea	\$8.56
10	20NR-71	✓	Stop Pin McMaster p/n: 98380A475 ✓		Firmed	11/17/17	25 Ea	0 Ea	25 Ea	\$0.52/Ea	\$13.00
										Grand Total:	\$1,125.23

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO038356
Order Placed By
Chantal Lavoie

Page 1 of 1
11/15/2017

McMaster-Carr Number
3506652-01

Line	Product	Ordered	Shipped
1	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	60 Each	60
2	94191A150 Mil. Spec. High-Strength Steel Hex Nut, Grade 8, 1/4"-28 Thread Size, MS-51968-3, Packs of 25	1 Pack	1
3	98381A640 Dowel Pin, Alloy Steel, 3/8" Diameter, 4" Long, Packs of 1	10 Packs	10
4	94355A330 18-8 Stainless Steel Flat-Tip Set Screws, 10-32 Thread, 1/4" Long, Packs of 25	1 Pack	1
5	98408A126 Side-Mount External Retaining Ring, 15-7 PH Stainless Steel, for 3/16" OD, Packs of 25	1 Pack	1
6	96029A033 Black-Oxide Steel Oversized Washer for 1/2" Screw, 0.531" ID, 1.125" OD, 0.105"- 0.13" Thickness, Packs of 25	1 Pack	1
7	90900A030 Countersunk External-Tooth Lock Washer, 400 Series Stainless Steel, 1/4" Screw Size, 0.255" ID, 0.454" OD, Packs of 25	1 Pack	1
8	91253A544 Black-Oxide Alloy Steel Hex Drive Flat Head Screw, 1/4"-20 Thread Size, 1-1/4" Long, Packs of 50	1 Pack	1
9	90145A546 18-8 Stainless Steel Dowel Pin, 1/4" Diameter, 1-1/2" Long, Packs of 10	1 Pack	1
10	98380A475 416 Stainless Steel Dowel Pins, 1/8" Diameter, 1" Long, Packs of 25	1 Pack	1

SPR-11-16

DART
AEROSPACE
S010674

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1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Rod End Bearing

PART NO: D4777 – 1
Revision:
Operation: Packaging
Change No:

Mfg Date: 11/16/17 Job No: 168414
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